

Application No.: 10/052695

Case No.: 568991JS003

Amendments to the Claims:

Please cancel claims 1-18.

Please add new claims 19-34.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:~~1-18. (Canceled)~~

19. (New) A system for determining information related to a touch on a touch sensor comprising a first user contact point separate from the touch sensor, the first user contact point driven with a first signal, wherein the touch on the touch sensor transfers at least a portion of the first signal to the touch sensor, the touch sensor configured to use the transferred first signal to determine information related to the touch on the touch sensor.

20. (New) The system of claim 19, wherein a user touches both the touch sensor and the first user contact point to transfer the first signal.

21. (New) The system of claim 19, further comprising a touch sensor switch electrically connected to the touch sensor, a user contact point switch electrically connected to the first user contact point, and a power source, wherein the touch sensor switch and the user contact point switch are further electrically connected to the power source.

22. (New) The system of claim 21, wherein the touch sensor switch or the user contact point switch must be closed in order for the system to determine information related to the touch.

23. (New) The system of claim 19, wherein the information related to the touch includes touch position on the touch sensor.

24. (New) The system of claim 19, further comprising a second user contact point separate from the touch sensor.

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25. (New) The system of claim 24, wherein the second contact point is driven with a second signal unique from the first signal.

26. (New) The system of claim 25, wherein the information related to the touch includes identifying whether the first signal or second signal is transferred to the touch sensor.

27. (New) The system of claim 19, wherein the first user contact point and the touch sensor are mounted in a single touch system housing.

28. (New) The system of claim 19, wherein the first user contact point is driven with a guard signal that reduces noise in the system.

29. (New) The system of claim 23, wherein the first user contact point must be touched in order for the touch system to determine the position of a touch to the touch sensor.

30. (New) A method for determining a position of a touch on a touch sensor, comprising:
driving a first contact point with a first signal, the first contact point being separate from the touch sensor;
transferring the first signal to the touch sensor through a touch on the touch screen; and
determining the position of the touch using the transferred first signal.

31. (New) The method of claim 30 further comprising driving a second contact point with a second signal.

32. (New) The method of claim 31, wherein a second contact switch is associated with the second contact point, wherein in a first mode the touch sensor switch is closed and the first and second contact switches are open, wherein in a second mode the first contact switch is closed and the touch sensor switch and the second contact switch are open, wherein in a third mode the second contact switch is closed and the touch sensor switch and first contact switch are open, wherein in a fourth mode the first and second contact switches are closed and the touch sensor

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switch is open, and wherein in a fifth mode the touch sensor switch and the first and second contact switches are closed.

33. (New) The method of claim 31, further comprising the step of discriminating among touch inputs to the touch sensor based on whether the first signal or second signal has been transferred.

34. (New) The method of claim 30, wherein the touch sensor is a capacitive touch sensor and a sensitivity of the touch sensor is enhanced by completing a circuit that comprises a user, the first contact point, and the touch sensor and does not include a ground.